

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-017280

(43)Date of publication of application : 18.01.2000

(51)Int.Cl.

C10M105/04
// C10N 20:00
C10N 20:02
C10N 20:04
C10N 40:04

(21)Application number : 10-186399

(71)Applicant : IDEMITSU KOSAN CO LTD

(22)Date of filing : 01.07.1998

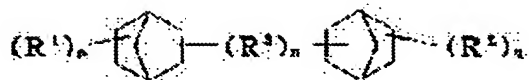
(72)Inventor : YOSHIDA YUKIO
TSUBOUCHI TOSHIYUKI
IDO MOTOHISA
HATA KAZUSHI

(54) FLUID FOR TRACTION DRIVE

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a fluid for traction drive which has a high traction coefficient at high temps. and excellent viscosity characteristics at low temps. by using a synthetic oil having specified physical properties as the base oil.

SOLUTION: The synthetic oil is required to have a mol.wt. of 210 or higher, a kinematic viscosity at 40° C of 10-25 mm²/s, a viscosity index of 60 or higher, a flow point of -40° C or lower, a density at 20° C of 0.93 g/cm³ or higher, and a traction coefficient at 140° C of at least 90% of that of 2,4-dicyclohexyl-2- methylpentane. As such a synthetic oil, a hydrogenation product of a dimer of at least one alicyclic compd. selected from among bicyclo[2.2.1]heptane compds., bicyclo[3.2.1]octane compds., bicyclo[3.3.0]octane compds., and bicyclo[2.2.2]octane compds. is pref. A compd. of the formula (wherein R1 and R2 are each H or 1-3C alkyl; R3 is methylene, ethylene, or the like; n is 0 or 1; and p and q are each 1-3) is esp. pref.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office